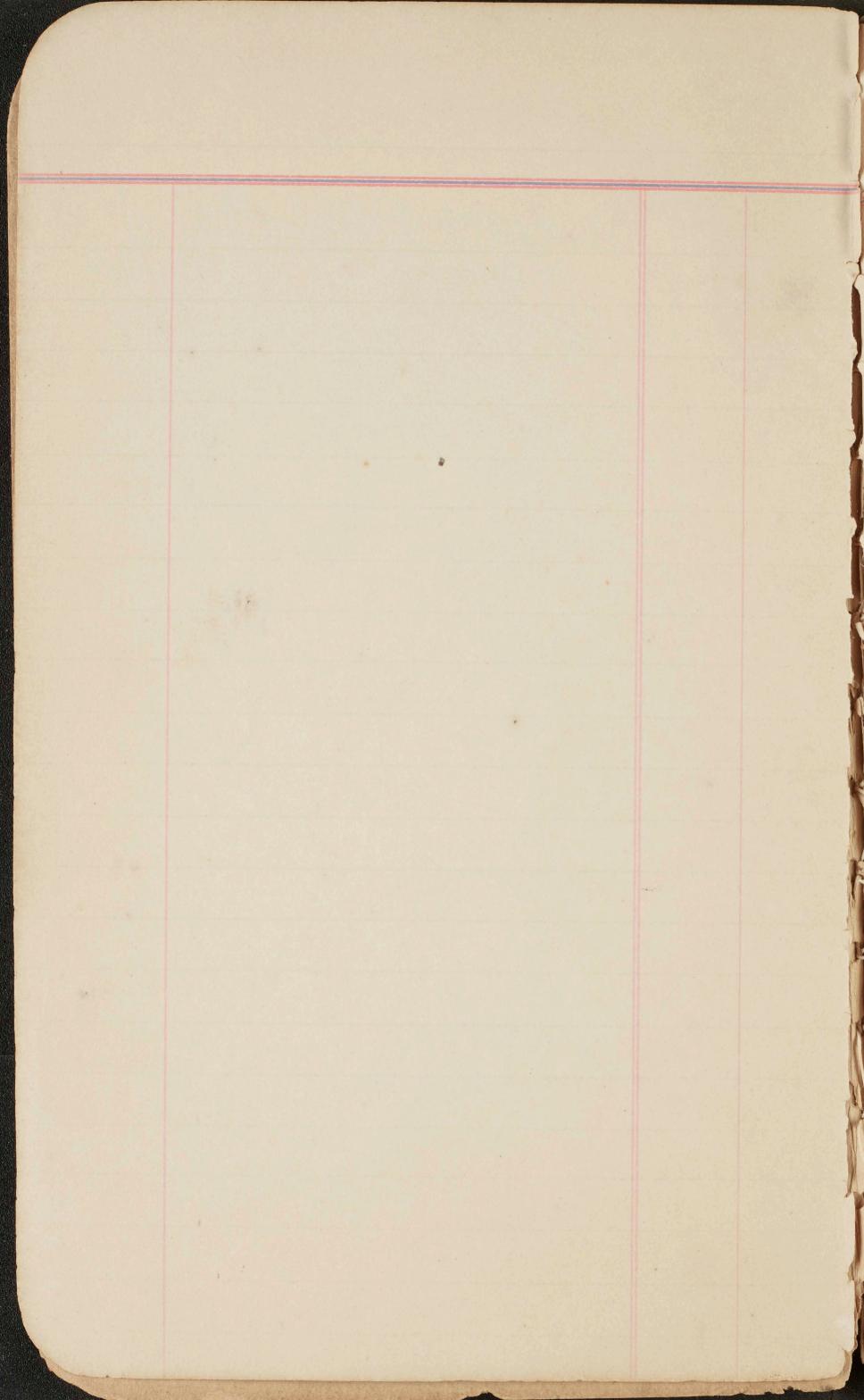


Sperm-whale Grounds. 13k. California - Capt. Fisher - 1896 Lat. 14°11'M. Long. 171°20'E. " 1450 256. 11 36 20 1. " 148" 34 6 " 43°04'N. 23 May " 45° - 7. " 160° - 6, 19 20 Lastobs. June! tune 1610116. Lat. 46 02 N. " 147° 3.4 6. " 42° 04"M. 16 " 145 126. " 40° 02 N. 19 ho. obs. 20 Frent into Hakrdale June 24-Passed Through La Ferouse Straits July 17. to the Okhotek Sea



Sperm. Whale Grounds.

			NAMES AND THE PARTY AND POST OF THE PARTY OF	
131	k. California	- Capt. Montg	omers-	-1897.
Teb.				
26	Lat. 37°/6'71.	dong. 172 26	6. 2	1×2.
27	" 36° 35' N.	" 142°21	E dig	norlanes
28	" 36°40'M.	" 142° 21	E. "	
mar.	11 21-0 1/1/21	1 11, 10 27	· ' \$ 7	·4, 8
7	" 35° 16'W. " 35° 20'W	" 1470 39	19	
21	" 38° 18' H.	"/42'01		
25	" 380 00'M.	"145" 19	6. 2	
June	no obe. Last ta		16	
3-	dat. 38° 36'M.	Ing 147° 05		
16	" 38° 10'U.	" 146" 3-8"	, 0	
17	" 38° 26 %.	"/46° 57'	0	
20	" 38° 14'M,	" 146° 56' " 146° 27'	0	
21	"38° 20'M.	" 14-6" 30'		
26	no-obe.			
27	" 37° 58'71.	" 145028	6.	
				over

1897. fune Lat. 38° 22'M. Long. 144° 03'E

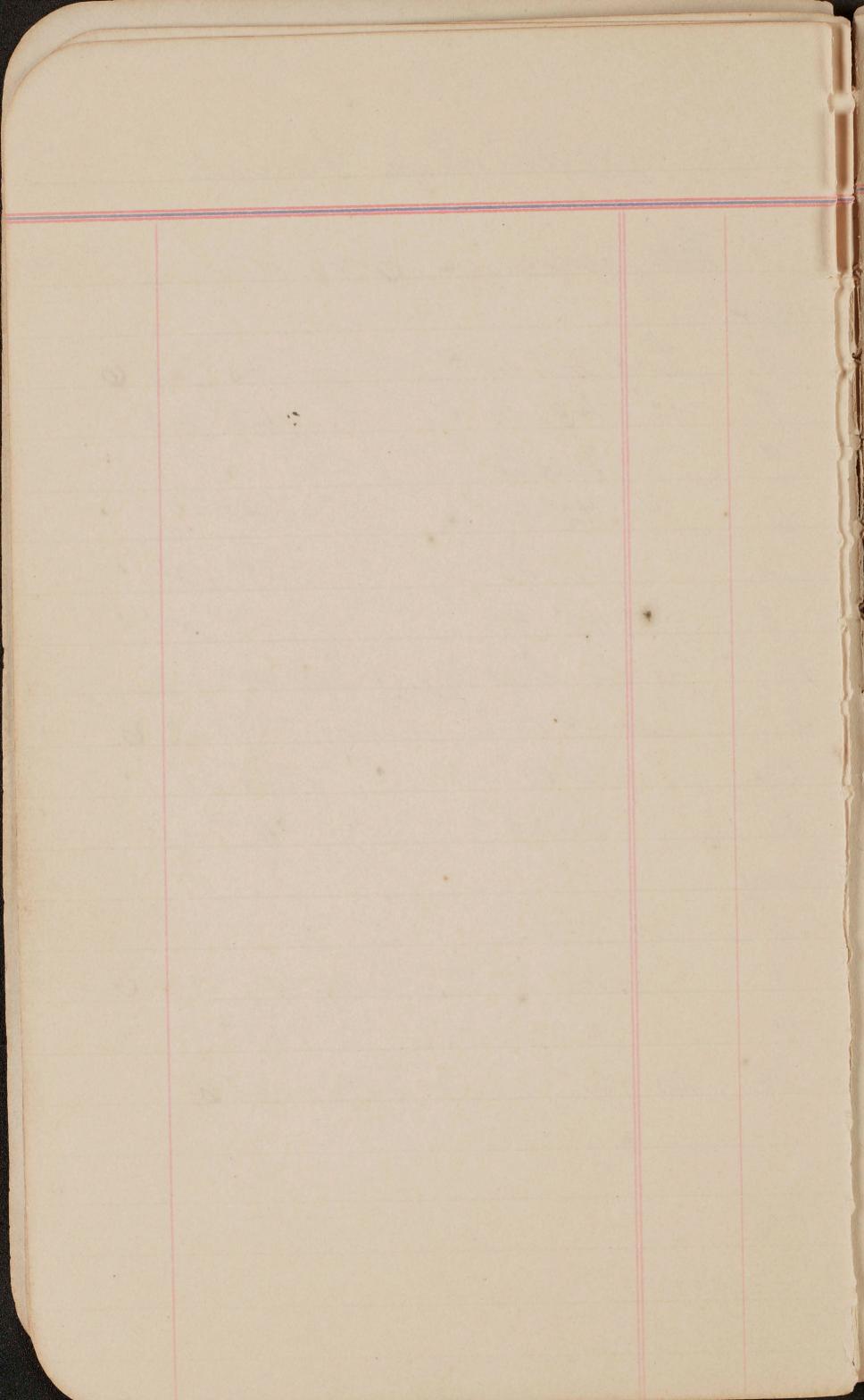
" 39° 15'M. " 143° 40'E 28 " 39° 10° H. 29 Oct. " /32° 06 6 Lat. 46° 14'M. " 159° 09'E " 47" 12' W.

Sperm-whale Grounds.

Bk.	California - Capt. Montgomery	- 1898.
3 = april	Lat. 32° 68 M. Long 136° 48 W. Lat. 43° 19'M. Long 149° 46' E	
2398 Thay	Lat. 43° 19'M. Long 149° 46' E	
Thay 4	"37°20'N. "145° 65' E. "38°30 N. "145° 30' "	2 (8746
	"38°31'N "146°23'"	
26	"38"07"M. "146" ""	10 (263 84
June 3	"37"40'M. "/46° 16' " "38' 10' " "/45° 52' "	2 (37146)
22	"38 16" "146° 11" " etal.	e 3nt-12/66
July 3	Lar. 39°5-4' W. Long. 143°25'6.	
20	Anchored at Hakodale Sailed	
22	Entered Okhotsk Sea.	
	nes	

1898 Off the Islands aug. Lat. 47° 43' W. Long. 15'4° 09'6. 28 No obs. Sept. Lat. 47°39'N. Long. 15-4°16'E. " " 154° 38° " 13 " 48003" " 155 19" 14 No who. 15 " 15-5-0 42" " 47° 59'71 17 No obe. " 15-60 09" " 490 43" 20 Oct " 15-9°37'W. " 43° 17" 22

Right: Whale Grounds. Bk. California - Capt. Slocum -1895 apr. Lat. 42° 25'M. Long. 146° 46'E.
" 43° 00'. "148° 42'" hoots. " /480 42" " " 42° 45" // " 148° 33' " " 42° 50 " 12 " + 42° 40' " " 149027" 13 no obs. last apr. 16-Las. 43"24 Long/48°22 19 Lat. 43° 12' n. Long. 148° 55' 6. 2/ " 43°05'" " 148 32'" " 42'50'" " 148°32'" 22 30 may 2 no obe. 3 Lat. 42° 50 %. Long. 149° 04 6. " 430 44" " 1490 11" " 14



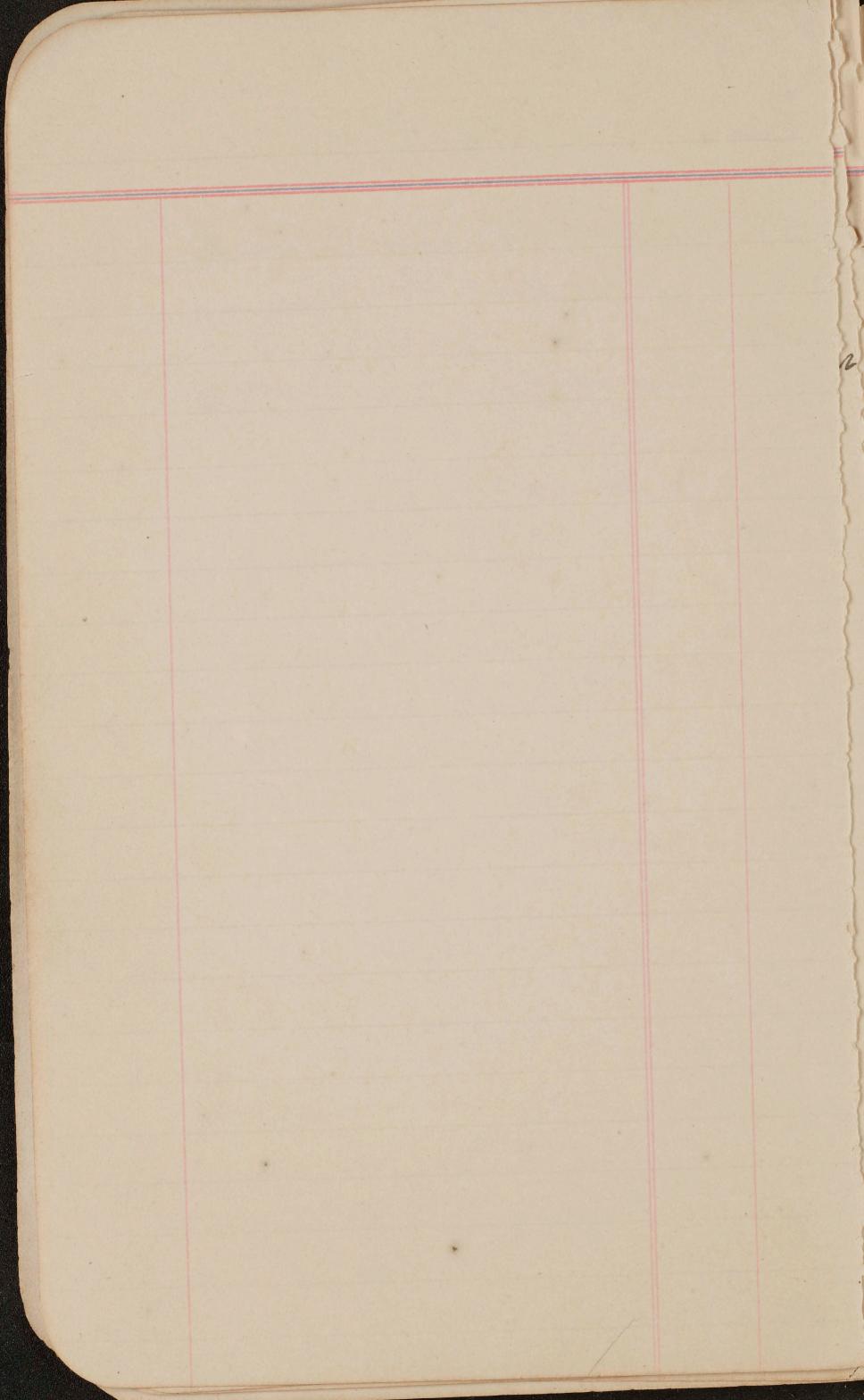
Right-whale Grounds.

Bk. California - Capt. Frisher - 1896. Lat. 42° 60° M. Long. 146° 10' E.

" 43° 03° N. " 149° 03' E. " 43°00 M. No obe. " 146° 17'E. " 42'12 M. No obs. 16 -" /49° 03'E. " 43° 05° M. 17 18 no rie. " 149° 13'E. " 42' 48" 20 Tu rbs. 22 may " 150° 20'6. " 43° 55' M. " 155% 6. " 45 27 %. 15 Okhotsk Dea. July Lat. 45°/0'M. " 1430 406. "/43" 40 E (Probably) 44°36 71. " 45° 50'M. "/44°076. Cape Siretoko bearing H. W. - 20 m. dietary

1896 ang Sarr hungan + Figern chaeing of Siertoko Cape Sixtoko 10 mi dietant Cape Siretoko " " Cape Tonin hearing west - 18 mis. distant 16 " 60 mi distant 17 Lat. 46° 45° M. Long. 145° 326. Off Oope Tonin. 18 ho obe. 23 Siretoka bearing N.W. Leet - 30 mi. 25 Lat. 47°11'M. Ling. 145° 35'6. 27 Sept. 70 mi. from Rollen Island 10 Long. 144 326 Lat. 47º18 M. 11 " 1450 196. " 46° 59 %. 14 " 144 376 " 47°37'N. 20 145 050 4704276. 2/ no obo. 22 23 Lat. 47°46'M. Long. 143°646. 25 no robe. 26

aug. 1896 Lat. 47°19'N. Long. 145°21'6.
Tu obs. Oct Lat. 47°29'N. Long. 144°59'E

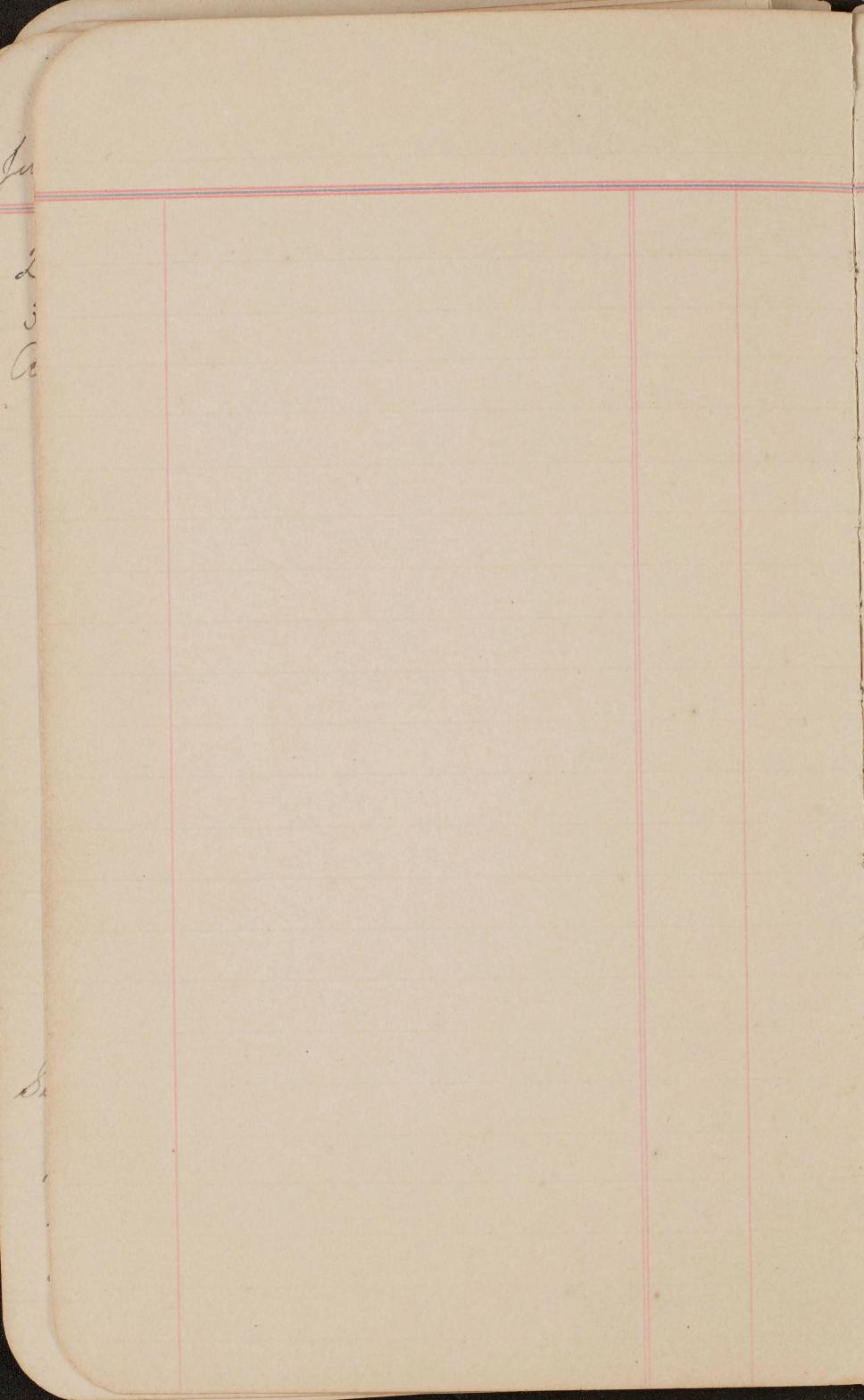


Right-whale Grounds.

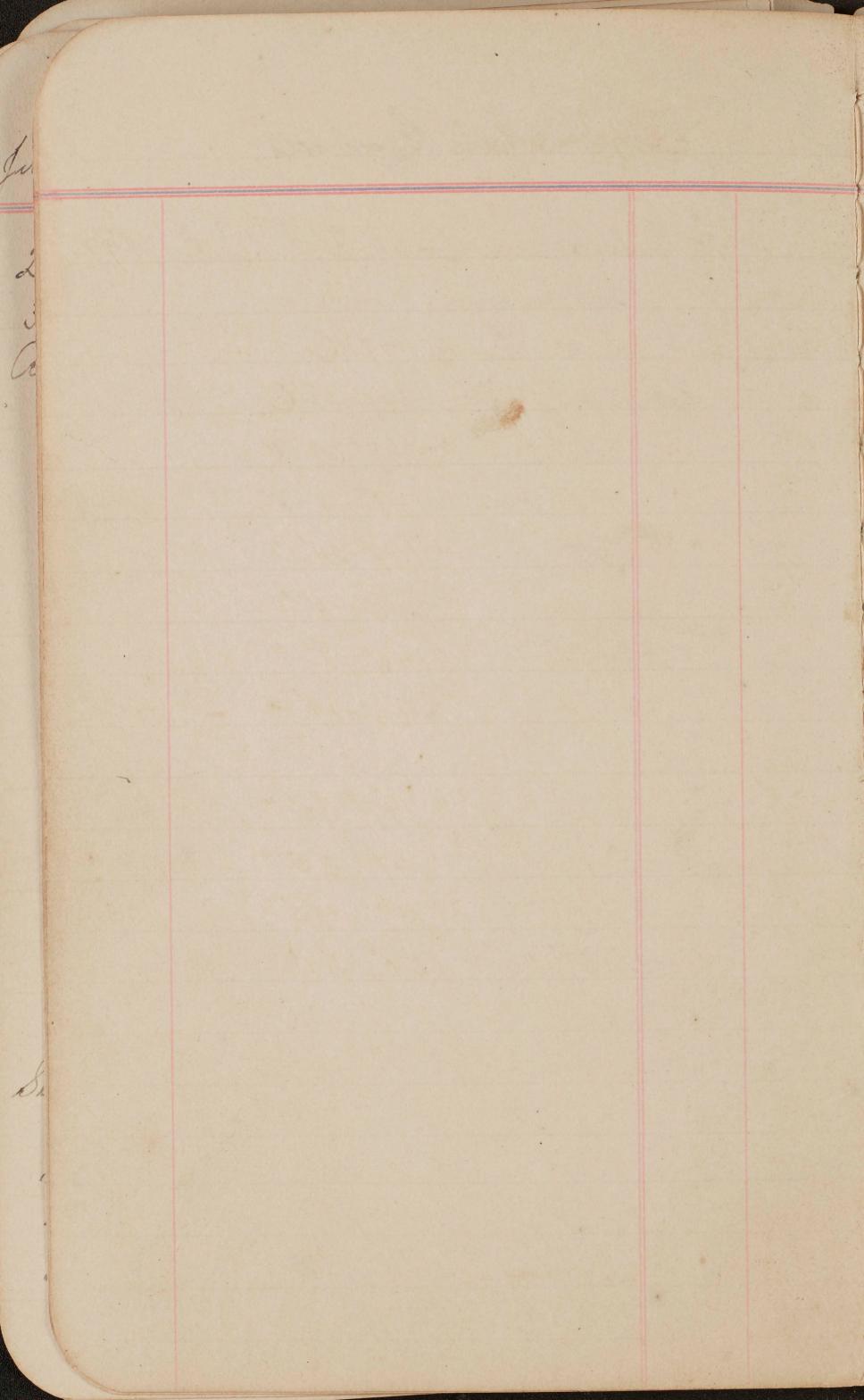
Bp. California - 1897. Lat. 35°20/l. Long 145°58'6. aprif " 148 446 " 42"00 1. " 148° E. " 42 40 R. 7 " 147° 6. " 42° 37/1. 14. " 1480246 " 42° 20 7. 16 " 42° 58 72 " 148 35 6 17 18 " 42° 42 K. "1480 086 " 42° 46 71. " 147 376 19 " /480 6. " 42° 4874. 20 " 146° 476. " 42° 46 M. 25 " To observations." 26 27 Lat. 42° 55 M. Long, 148° 536. 28 " 4-3° 2371. "1 148° 446 " 43° 40° M. " /48° 496. July D. arrived at Habodale.

1897 Okhotsk Lea. July Diretoko N. W. 15 mules " W. 17 ". no obe. Aug 3 17 Siretoko N. 25". " Lat. 45° 06 W. Long, 143° 34 6. 12 N. V. end Yezo S. W. 50 miles. Lat. 45° 86'M. Long. 143°54 6. 17 18 Of Orape Town. 20 Lat. 46°58'M. Long. 144°31'6, 22 23 no obs. 24 Lat. 47 18 W. Long. 144 3/6. 26 · 47°29°76. 14-5°00°6. 27 " 47° 15'7. " 144° 35'6. 29 30 " 144 496. " 47° 24 71. Sept 2 " 145-226. " 47° 43 71. 47º40'W. " 144° 53'6. " 470 12 W. " 145 076 1/44° 57.6. " 47° 30° 71.

Okhotete Sea - 1897. Sept. Lat. 47° M. Long. 145° 25'6. " 145° 28" " " 47°39'71. 14 " 4732" " 1450 26" 15-" 4732" " 1450 18" " 16 " /49031' " " 47011" Oct. 3



Right-whale Grounds. Bk. California - 1898. Okhotek Sea, aug. Lat. 45000 n. Long. 1420 48 6. " 45°50" " 143° 04" " 1430 /3" " 45-004" " 45° 00" " 143° 22"



Right whale Grounds.

Bk. California - Capt. H. F. Swith 1899 Upr. Lat. 43 H. Lung. 147 6. " 42°55" 147°686 " 43°02" .. 147009 " "149" 11" 8 " 42°50 .. " 42" 43" 11/49 211 " "/46°/3'" " +2° 22'" 26 "146° 18" " 42 23' " 28 " 42° 14" ". 146° 49" 1- 100 thls. 30 may " '43° 15" " " /47" 80" " 43° 10' " "/470 35" 6 153 fblo "/ 47. 40" " 43° 00." 7 " 42 37 " 150 20" Went into Habrdate July 10-sailed July 20. July Okholsk Sea. 29. Aff Sixetoko

2-Off Siretoks ing 5-11 18 no obe. " 20 Lat.fri 21-46°37'M. L-146°24'E. 1 19866 " 22 no obs. " 26 " 27 no dong. 2. Lat. 46° 47 W. Sept. 1. hurbo. 3 Lat. 47°11 h. Took one-sand " 3 " 46° 25'M. Long, 146° 48 & 3 " 7 1 146 40 6 102 · 46 24 U. " 8 " 1440 156 " 47 /4'W. 11 /6 " 144 " 31 6 47038 W. many. " 13 " 145-0 09 " 47°28"M. 4. 1.4. 6 2-8 "144" 50 % " 47°22'N. " /6 1/2 dog. " 17 no obs. " 144" 28 6 Lat. 47°22'N. · 1440156 4 11 /9. " 47°23 N "1440 04 E. 6008 " 47° 27' N. 1 20. " 1440 476 " " 47° 14' N. 1 21-" 144° 41 6 3 m4 " 470 14 W. " 22. " 145° 03 3 "47088 W. " 23 Henr Gestward

Sperm- whale Grounds.

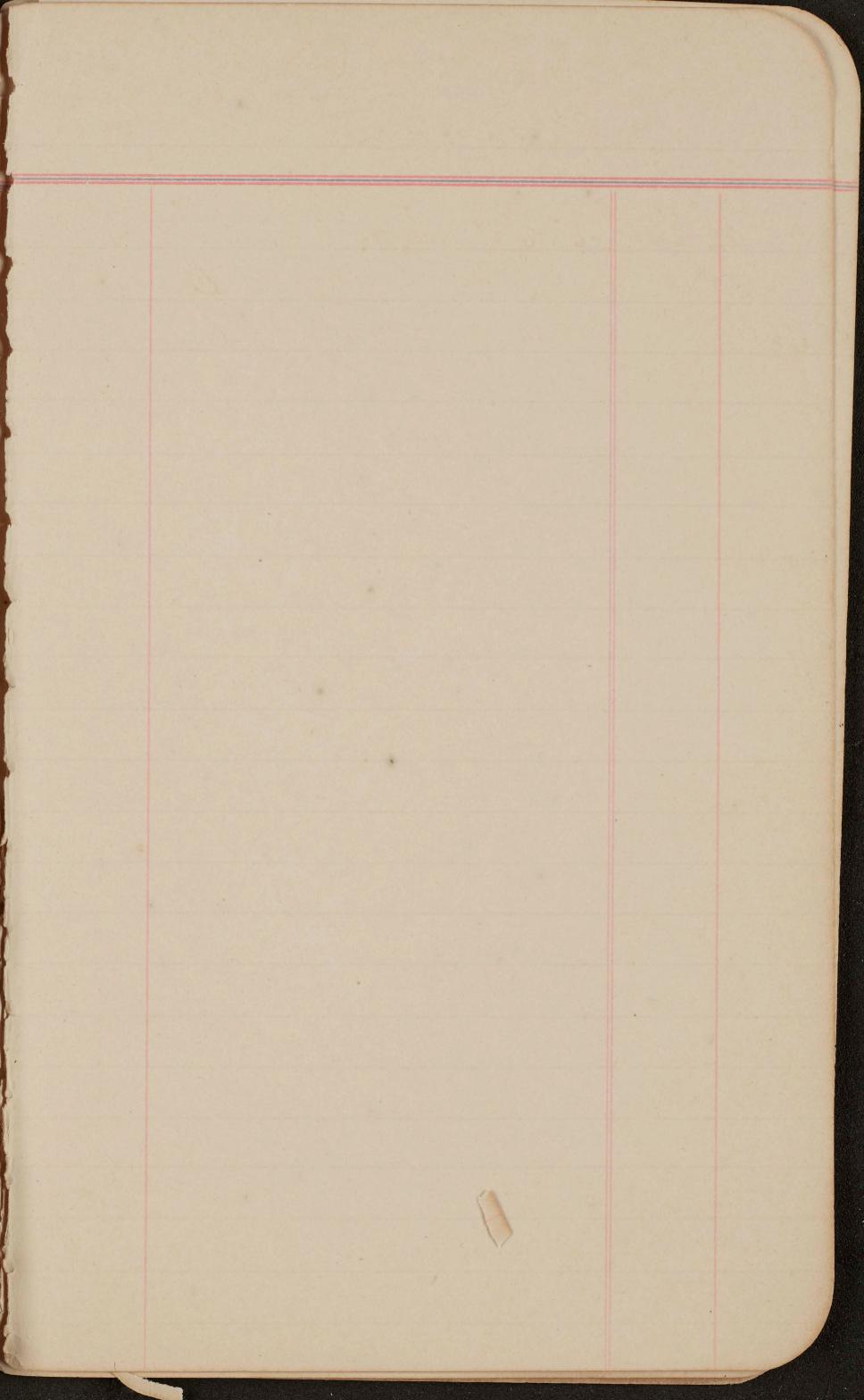
	B.k. California - 71. 7 Smith - 1899.
mar 2	3. Lat. 35° 37' M. Long. 145° 13' & 2-137 Abb.
Apr 28.	
	, ,
may 9	
"30	
June 2	" 1 ~ " " " " " " " " " " " " " " " " "
" 3	" 40° 88" "/44°48" 2 } 94.86ls. " 39° 52" "/45° 15" " 3 } 94.86ls.
" 8	
	" 38° 20" " 146° 21" 5 49 "
" /1	" 35° 51' " "146° 53' " 4-110
" /3	" 38'37' " 146°47'" lone.
1/6	"38°23'' "146°32'"
"21	"39°12' "143°27' 2) 166. "39°19'" "143°13" 6)
" 22	
304	" 38° 51' " 143° 25 . 4-128"
Oler.6.	Lat. 46°25'N. Long. 152°27 & lone. 86"
//	" 47°/3" " 159° 25° 6 " 73 "

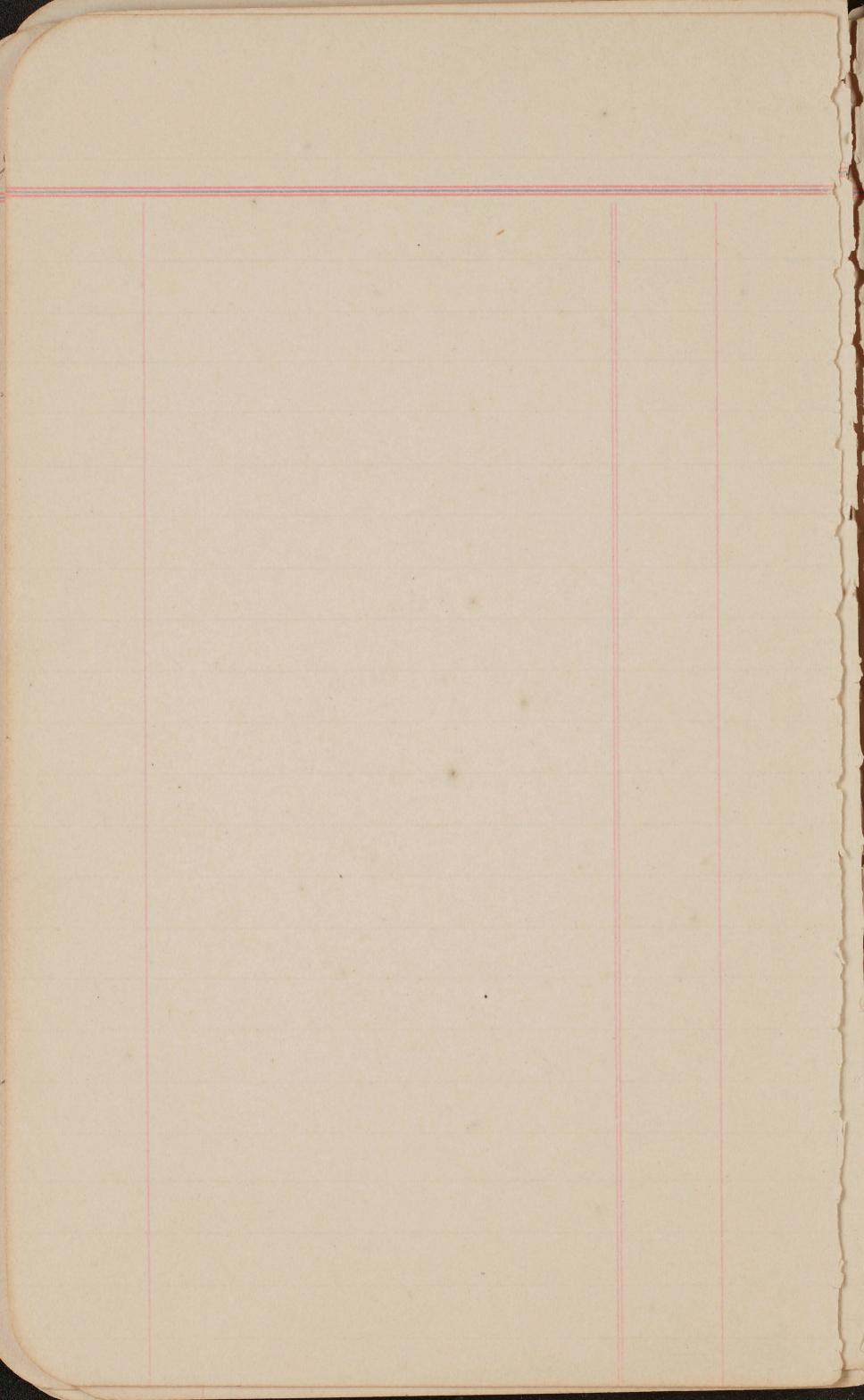
				1
1		Sperm-whale Grounds		II.
		Control of the Contro		4
-X	/6	Pk. California - H. F. Su	itto 1900	
	Feb. 26 2	lat. 25° 22'U. Long. 134° 15'6		
1	4 27.	" 25-38 " 133-406	2 100 466	4
	apr 8	Lat. 42° 39 W. Long. 148° 28 6	2. avice	2
	" "	42° 43′N. "148° 5′2		-
	7	Lat. 38°17 n. Long. 145°056	. / 1	50
	may 25	Lat. 38°17 W. Long. 145°056 37°49'N. " 144°14'	1. 1. 386000	0
	" 29	nobo.		A
	" 30	Lat"37'25". 142° 016	3 50 bb	1/s
			3	
	June 4.	" 38°24 W. 145° 026	4/2	
	9	" 38° 38" Long 143° 02'6	4/2	
	" //	n. ols. "40° 14" "143° 456	9/8	
	" 12			
	" 20	1 39036 " 144 126	2/12.89	ft.
8.		100000 1400 5-8'E		
	" 30	1139°12 " 1144° 58 6	5 (237)	
	July 8	"39009" "146° 15 E	4)	
	Grig 11	"38°01" 144°016	1 378	
	aug 4	"42°40' 146° 166		40
		Die Secund fra	you.	
				NOVE E

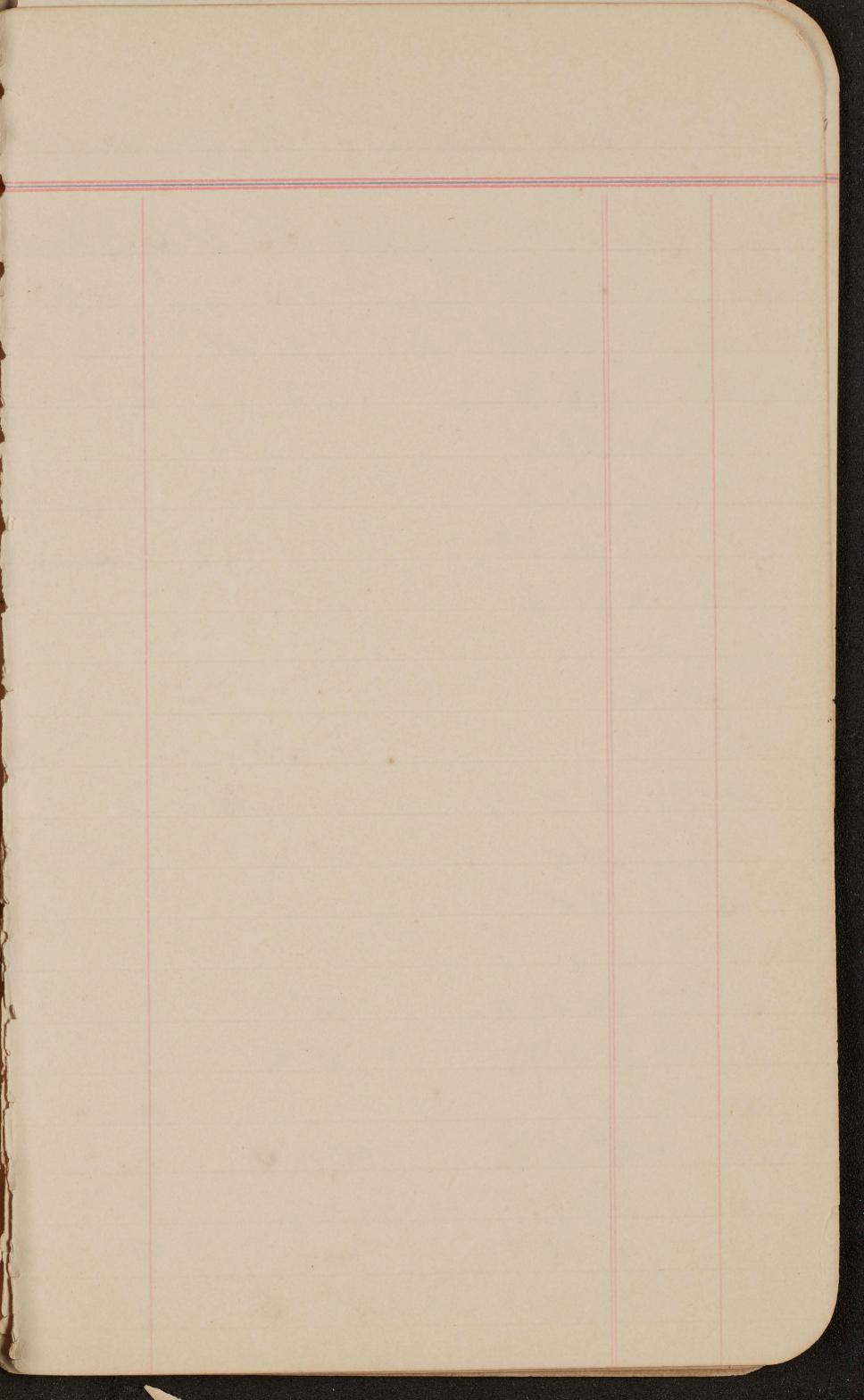
Reght-whale Frounds

Blo. California Capt. H. P. Sweeth 1900 apr. 82 Lat 42° 58 21. " 41°40'M. Long. 148° 566 " 16 " 18 " 42° 20 W. " 146586 160Hls. " 14 " 43 18 M 148 286. 42° 38 W. " 1470 00 & " 20 " 25 " 146° 45 6. 42°32 1. " 42° 45° M. .. /47. 08 6 " 26 May 2 "148"/6. 6 1/1 Fbls. " 43°04"N " 147" 20 &. "43" 05 M. he obs. " 10 ·· 147 37 E. " 43° 0770 " // " 43° 13 M. " 147°26 6 akhotek Sea. Lug 2,5 h. obs. - To miles H. of yelroup. Lat. 47° 10° N. Long. 144 49 6. 144°30 6, Lostone. 47°03 7. " /3. " Fro 4-7. "/3"

Sperm whale's Sept 22 Lat. 46° 56'U. Long - ? " 30 " 45° 42' " 152° 32' 16. Det. 10 "47°09" "16/386



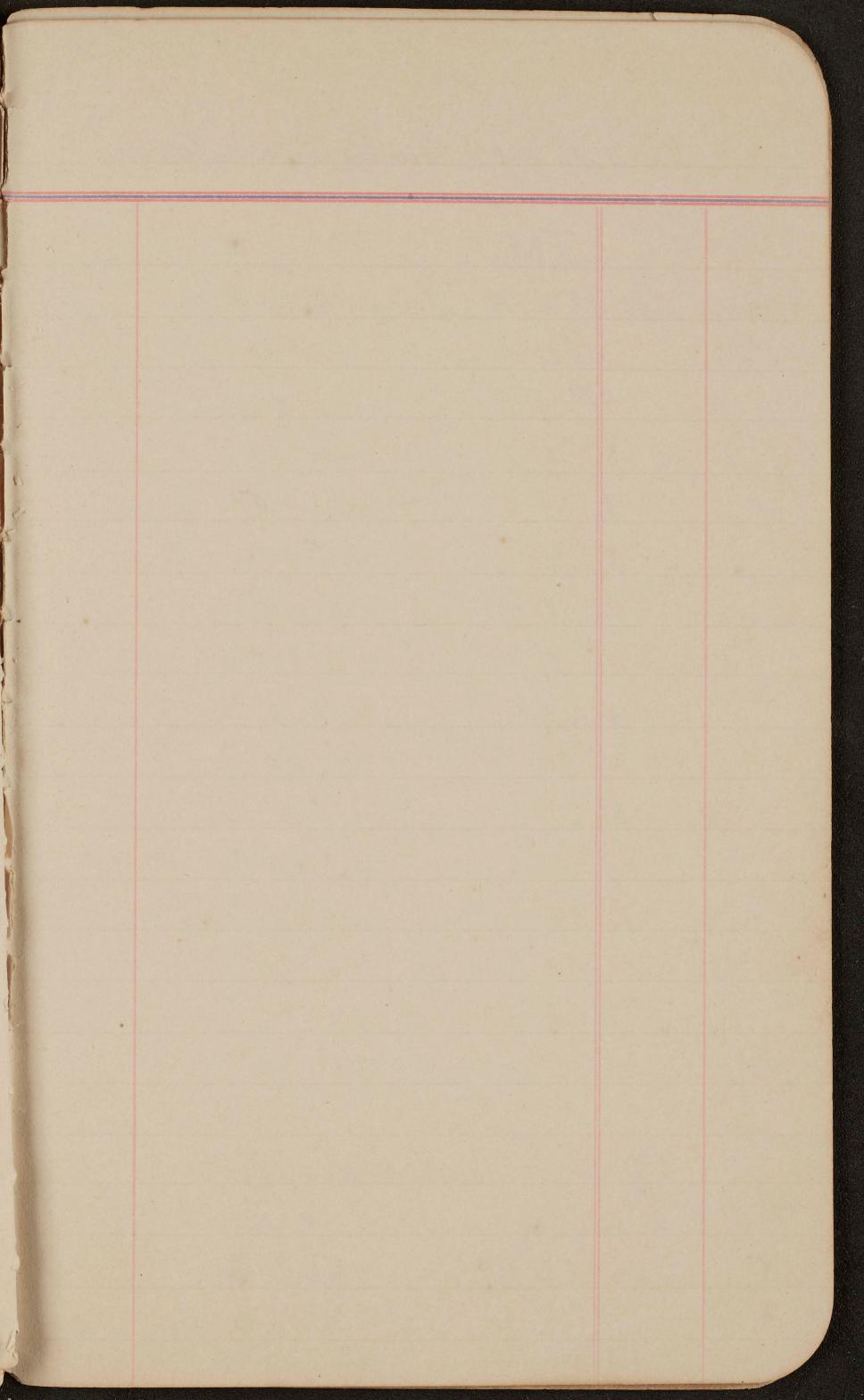




	Right whaling - Bark Jacific
May 31	Lat. 59'37'M. Long. 156' 30'E (2 bowh) " 56'30' " 157' " 107/2"
June //	" 56'30' " 1570 " 102/2
" 12	" 5.6°24" " 15-1°30" /-120 fflo.1
" /3	" 56° 16' " " 152° 42" 2 (seen)
", 14	" 56°21' " 100° 40' " 1
" 17	"56°30" " 150°41" 1-608Aby
" 18	" 56°28" " /50° 42' " 2 (seen)
" 19	" 56° 35' " " /50° 55' "
" 20	" " " " " "
" 21	
. 22	
23	35°22'71. "/58°43'E.
" 25-	" 36°37'" "150° 45'" 1-170Hb
" 26	. 35°30'
" 27	
" 28	" 56° 27'71. 157° 04 2 Reen 1
	" 36° 30' H. "/50° 02' " / "
1 30	" " # "
July 1	" 57° 07'N. "158° 10' & 4 "
1 1/2	" 57004" 7"
" 3	· 06°" — 4 "
" H	"57"/5" "/57° 6 6 "
	1-130bblo

- J. A. Hrvland-master - 1860 aatls) 2.21. July F Lat. 37°17 W. Long. — & 6 seen 3 seen 11 11 11 11 " /3/006" " 10 3 " "3609" " /3 1 " " /32° 40' " " 1370 " " 36 38' " 1 " c, 14 " 37015" / " " 15 Si reen "/6 "/5/0 09" " " 36 29 " " /7 "/5-10 15" " " 55.088" " 23 2 seen " 01"23" 3 " aug. 16 / " " 17 133°43. " "31° 03'" 1 -15-0 tolo " 18 2 Reen " 31 abaide Is jearing 6.5.6 20m. Sept. 2 Lat. 51048 n. Long. 1550 15 6. " 32°08" Waide So. Fearing S. Ly E. -11086

8 seen Lung. - 6 Lat. - n. Sept. 9. 1-190Hb " " 37°52'" 11 /0 6 seen " 37000" " 4 " .. /2 1 " " 51037"." " 13 4 " " 15 1. 5/2/1 " 11 11 /6 " 370/4" .. ,, " 50° 57 " "50°11' 'alaide Is. bearing & S. E. 19 2 " 20 5 " alaide So. Fearing 6. 20mi. 25 Tutaway fræðo. having taken 9 whales making 1080 bbls gorf 4 /0 250 lbs of rome. One of the Jake Thoutand's great



Some of Capt. Scullion's sperme

1895. Lat. 38°51 N. Long. 146°41E. · 3835 " " 1460-30" " 145-001" " 38°45" " 144" 24" " 38 25" " 145° 15" " 38"10" " /5-" 3821" "/460 87" " 3/ "146° 20' June 1 " 380/8." " 38°/2" "/46°30" ". 7 " 37:50" "146" 13" " 38° 30 " "/46 50" " 38 12 " " 147 15" "35°30" "/46"50" " 2/ " 38039" "146° 57" 22 " 39 " 36 " " 146' 05" " 23 39023 " " 1430 40" 26 " 1430 05" 39.20 " Yeur of the Ligeon's Loss. Tray 6 38° 45'21. Long 145° 26 6. " 12 Lat. 39°16'U. " 143" 23 6 " 18 " 370 18" · 146° 10 6

whale grounds. may21 Lat. 37°37'M. Long 146°546 "24 "37°59". "147°57'E.
"26 "37°28". "147°34". "28 . 37°21'" "146°38" June 7 + 8 no reghts. Lat. about 37° 16 W. " 18 Lat. 37°57'M. Long. 146° 436 " 19 " 38°46 W. " 146°48° "24" 38° 51'N. "147037" Bound & Hakodale - Jull. Some other year. Long. 1440426 may 9. 34° 54 n. " 14 Lat. 37°42 M. " 145° 08'E " 14 5 18 " " 15 " 37" 16" . 26 " 37° 38 " 144.46" 1440-02" Sorigolown " 36° 29" " 145° 12" " 1440 01 " June 12. " 38° 18". Continued under Capt. Ogden's.

Sperm-whale Grounds - 1898-

73k. alice Knowles - Capt. Ogden Off Bonin Islands. Lat. 30° 00' Long 141°- 40 6 " 34° 25° M. " 143° m." " 143° 00 E " 3 4"35" 24 " 146 27" " 39"/7" May 6 " /43.0 /9 " " 37 51" " 16 " /45.0 /9" " 38.01, " " 22 "145" 27" " 37"30" " 23 " 145 30 " " 37057" " 24 " 1454 " 34" " 37.57" "27 144 34 " 37'52" "28 " 1440 30" " 37 50 " " 29 " 37° 47'" " 145 20" "30 " 145° 37" "380 111" June / " 145 45" " 148 4/" "42"09" 156 43 " 47" 18 " " 15-7 4 4

Right-Whole Grunds - 1898. Alice Knowles - Capt. Aggen -Apr. 29 - Lat. 43°28 n. Long. 137°24°6. hvorgan's Sperm whales -1900 - Capt. Scullion. Mr. 28 Lat. 37° 26 n. Long. 146° 12 6. may 6 " 37° 30' " 146° 29".
" 18 " 38° 10' " 143° 45' 6. Mäy 11 " 37037" " 146 20" " 143 36 " Apr-18 " 37 11

